


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE	
	<p>PAD No.: 11-033</p> <p>Date: 24 March 2011</p> <p>Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>	
<p>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p>		
Type Approval Holder's Name:		Type/Model designation(s):
BRP-Powertrain GmbH & Co. KG		Rotax 914 F series engines
TCDS Number:	EASA.E.122	
Foreign AD:	Not applicable	
Supersedure :	None	
ATA 73	Engine Fuel & Control – Fuel Pressure Regulator – Replacement	
Manufacturer(s):	BRP-Powertrain GmbH & Co. KG, BRP-Rotax GmbH & Co. KG; Bombardier-Rotax GmbH & Co. KG; Bombardier-Rotax GmbH	
Applicability:	<p>Rotax 914 F2, 914 F3 and 914 F4 engines, all serial numbers.</p> <p>These engines are known to be installed on, but not limited to, the following types of aeroplanes (mostly powered sailplanes): Aeromot AMT-300 Turbo Super Ximango, Aircraft Philipp (formerly Alpla-Werke; Nitsche) AVO 68 series Samburo, Diamond (formerly HOAC) HK 36 series Super Dimona, Scheibe SF 25C and Stemme S10-VT.</p> <p>Note: The installation of these engines was either done by the respective aeroplane manufacturer or through modification of the aeroplane by Supplemental Type Certificate.</p>	
Reason:	<p>Isolated manufacturing deviations have been reportedly found on the threads of a certain batch of Fuel pressure Regulators, Part Number (P/N) 887130.</p> <p>This condition, if not corrected, could lead to a fuel leak and in-flight fire which would necessitate an engine shut-down, possibly resulting in a forced landing, with consequent damage to the aeroplane and injury to occupants.</p> <p>For the reasons describe above, this AD requires the replacement of all affected P/N 887130 Fuel Pressure Regulators with serviceable parts.</p>	
Effective Date:	[TBD: 14 days after Final AD issue date]	

<p>Required Action(s) and Compliance Time(s)</p>	<p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 6 months after the effective date of this AD, accomplish the following actions:</p> <p>(1.1) Identify the serial number (s/n) of the P/N 887130 Fuel Pressure Regulator installed on the aeroplane.</p> <p>(1.2) If the s/n of the P/N 887130 Fuel Pressure Regulator, identified as required by paragraph (1.1) of this AD, is listed in Appendix 1 of this AD, replace the P/N 887130 Fuel Pressure Regulator with a serviceable unit, having a s/n not listed in Appendix 1 of this AD.</p> <p>(2) From the effective date of this AD, do not install a P/N 887130 Fuel Pressure Regulator on an engine, unless it has been determined that the s/n is not listed in Appendix 1 of this AD.</p> <p>(3) From the effective date of this AD, do not install a Rotax 914 F engine on an aeroplane, unless it has been determined that the s/n of the P/N 887130 Fuel Pressure Regulator installed on that engine is not listed in Appendix 1 of this AD.</p>
<p>Ref. Publications:</p>	<p>BRP-Powertrain Mandatory SB-914-040 dated 10 March 2011.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>
<p>Remarks:</p>	<p>1. This Proposed AD will be closed for consultation on 21 April 2011.</p> <p>2. Enquiries regarding this PAD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu.</p> <p>3. For any question concerning the technical aspects of the requirements in this PAD, please contact: BRP-Powertrain GmbH & Co. KG Telephone: +43 7246 601 0; Fax: +43 7246 601 9130; E-mail: airworthiness@brp.com, Website www.rotax-aircraft-engines.com.</p>

Appendix 1 – Serial Numbers of affected P/N 887130 Fuel Pressure Regulators

100213
100216
100220
100228
100232 to 100242 inclusive
100245
100252 to 100254 inclusive
100259
100260
100262
100264 and 100265
100286 and 100287
100290
100295
100298
100304 to 100310 inclusive
100350
100352
100355
100357
100359
100362 and 100363
100380
100395 and 100396